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Research Article

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Notes on two species of Geometridae from Hatay Province (S.Turkey) (Lepidoptera)

Muhabbet Kemal Ahmet Ömer Koçak

Abstract: Notes on two species of Geometridae from Hatay Province (S.Turkey) (Lepidoptera). *Cesa News* 119: 1-6, 7 figs.

In this paper, two species and their subspecies of *Pseudoterpnna* and *Stueningia* (*Geometridae*) are discussed. *Stueningia taurica* Hausm. **stat.n.** is proposed as a distinct species. *Stueningia taurica sertelorum* **ssp.n.** is described and illustrated.

Key words: *Pseudoterpnna coronillaria*, *Stueningia*, *taurica*, *sertelorum*, *Geometridae*, Lepidoptera, Hatay, Turkey, fauna, new subspecies, new status, description.

During spring excursion to Southern Hatay in May, 2015, the authors observed and collected a number of nocturnal Lepidoptera from the vicinity of Meydan village (**Fig. 1**). The two Geometridae species among them will be briefly discussed and evaluated taxonomically in this paper.

***Pseudoterpnna coronillaria* (Hübner,[1817]) (Figs. 2, 3, 4)**

Hausmann (1996) described as comparative the genitalia and the external features of the species, by basing upon the material from Central Lebanon and Israel. As a result of this, a new subspecies *halperini* is described from Israel. On the other hand, the Lebanese population of *P. coronillaria* is considered as *axillaria* Guenée,1857. The genitalia of both subspecies are drawn by Hausmann (1996).

Can (2010) published an article on the evaluation of morphological characters and male genitalia features of emerald moths – so serious title but presented the genitalic images, a sloppy work product. No assessment at a level expected appears in this paper.



Fig. 1 – Spring aspect of an habitat near Meydan village, Samandağ, Hatay Prov. (S. Turkey), M. Kemal (Cesa)



Fig. 2 – *Pseudoterpnia coronillaria* ssp. *axillaria* Gn. A nocturnal male at rest. TR – Hatay Prov., Samandağ, Meydan, Fenk. M. Kemal (Cesa)

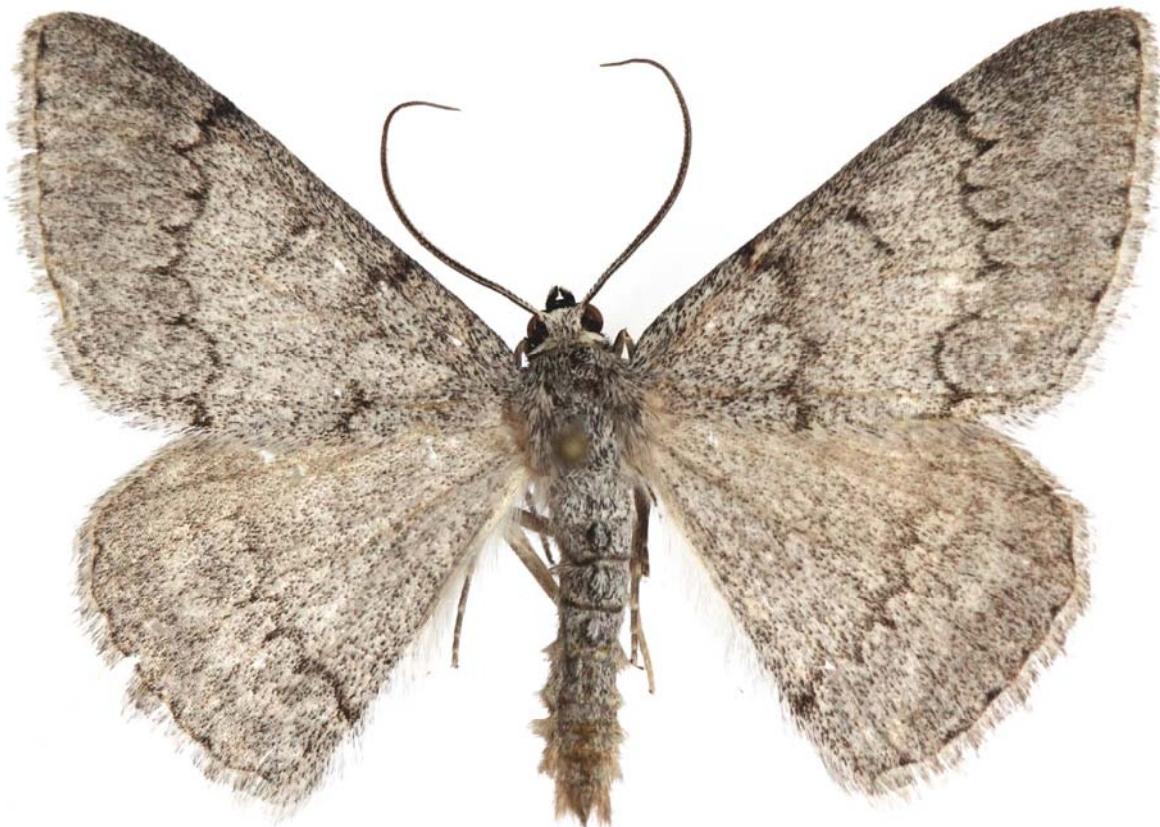


Fig. 3 – *Pseudoterpnia coronillaria* ssp. *axillaria* Gn. A male, before dissection. TR – Hatay Prov., Samandağ, Meydan M. Kemal (Cesa)

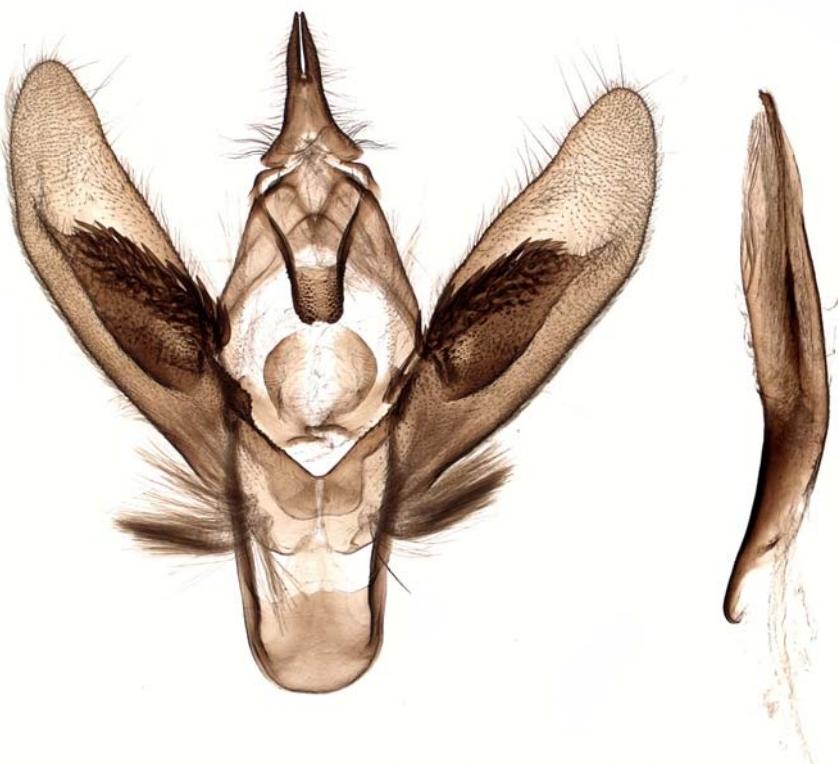


Fig. 4 – *Pseudoterpnia coronillaria* ssp. *axillaria* Gn. Male genitalia (GP2220) (see above). M. Kemal (Cesa)

After comparing the image and its male genitalia of *P. coronillaria* collected from Meydan (**Figs. 3, 4**), with the drawn genitaliae (Hausmann, 1996 figs. 37 and 38), we came to the conclusion that Meydan's *coronillaria* should be called subspecifically as *axillaria* Gn.

Material studied: 3♂ from South Turkey, Hatay Pr., Samandağ, Meydan, Karabucak 35m, 9.5.2015, M. Kemal & A Koçak leg. (in coll. Cesa).

***Stueningia* Hausmann, 1993**

In the subfamily *Ennominae*, Hausmann established a new genus *Stueningia* in 1993, based upon the type-species *Gnophos poggearia* Lederer, 1855 (Hausmann, 1993). Apart from its type-species, Hausmann described also a new species and a new subspecies, *Stueningia wolfi* from Central Anatolia (Karapınar), and *Stueningia wolfi* ssp. n. *taurica* from Kahramanmaraş (South Turkey). From Israel, Hausmann described also a new subspecies of *Stueningia poggearia* ssp. *meyi*. In his paper, all of the species and subspecies were described briefly, and their genitaliae were drawn. The diagnostic characters of all the taxa of *Stueningia* were explained in Tabelle 1 (Hausmann, 1993).

Stueningia poggearia (Led.) occurs in Lebanon (Beirut, Faitroun) with the nominate subspecies, and Israel (Haifa), ssp. *meyi*. *Stueningia poggearia* (Led.) is unknown from Turkey. On the other hand, the genus is represented by the species and the subspecies, i.e., *S. wolfi* Hausm. and *S. wolfi* ssp. *taurica* Hausm. in South Turkey. Hausmann stated the diagnostic characters between the nominate *wolfi* and the subspecies *taurica* as valvular process in the male genitalia bicuspid, and unicuspisid, respectively (Tabelle I, ex Hausmann, 1993: 232). Moreover, the difference between nominate *wolfi* and the ssp. *taurica*, dark grey, and light beige, respectively. In both taxa, between the valvular processes the inner recess is roundish. We are of the opinion that these are very significant characters for a taxon at a higher level more than a subspecies. For that reason, we place here *taurica* Hausm. as a distinct species (*Stueningia taurica* Hausm., **stat.n.**).

During their spring excursions, the authors collected some examples of *Stueningia* from Meydan village (Hatay Province) (**Fig. 1**). After preparing the genitalia, it has been seen that the population of Meydan is closer to *taurica* than *wolfi*, due to its unicuspisid valvular process. However, there are also significant features different from typical *taurica*. For that reason, we propose here a new subspecies of *S. taurica* with the following diagnostic features:

***Stueningia taurica sertelorum* ssp. n. (Figs. 5, 6, 7)**

<http://zoobank.org/urn:lsid:zoobank.org:act:6362CDF9-0E00-4DBE-9766-2BF918CEC12F>

Holotype ♂: (**Figs. 5, 6**)

Forewing: 14.5mm, Wingspan: 29mm.

Upperside of wings: Ground colour dark grey, with numerous darker points all over the wings (instead of light beige like *taurica*). Postdiscal spots blackish and slightly larger than those of *taurica*. Postdiscal lines on both wings pronounced as darker spots. Discal and basal lines less distinct. Underside of wings: Darker grey, numerous darker and yellowish points more developed and concentrated at basal half. Postdiscal lines and spots indistinct. Ciliae dark grey.

Male genitalia: Uncus and gnathos similar to those of *taurica*. Valva slender, elongated. Costa slightly curved towards apex. Valvula large, well-chitinized. Anterior process unicuspisid. Interior recess between ante-, and posterior processes of valvula semi-oval, very broad on the contrary to *taurica*. Aedeagus large, robust, with a large cornutus (**Tab.1**).

Table 1- Measurements (in mm) on the male genitalia of *Stueningia taurica sertelorum*

1- Total length of aedeagus, 2- Total length of cornutus, 3- Distance between inner points of ante- and posterior processes of valvula, 4- Length of valvula (from base to posterior tip), 5- Length of valva (from base to tip), 6- Length of gnathos, 7- Length of uncus (incl. basal area), 8- Length of uncus (terminal part), 9- Length of total genitalia (from saccus to tip of uncus)

Characters	1	2	3	4	5	6	7	8	9
Holotype	2.25	1.07	0.7	1.7	1.33	0.6	0.5	0.17	2.1
Paratype	1.85	0.82	0.88	1.52	1.2	0.48	0.55	0.2	2.0



Fig. 5 – *Stueningia taurica* ssp. *sertelorum* n. Holotype (♂), before dissection. TR – Hatay Prov., Samandağ, Meydan M. Kemal (Cesa)



Fig. 6 – *Stueningia taurica* ssp. *sertelorum* n. Holotype (♂), GP2218, M. Kemal (Cesa)

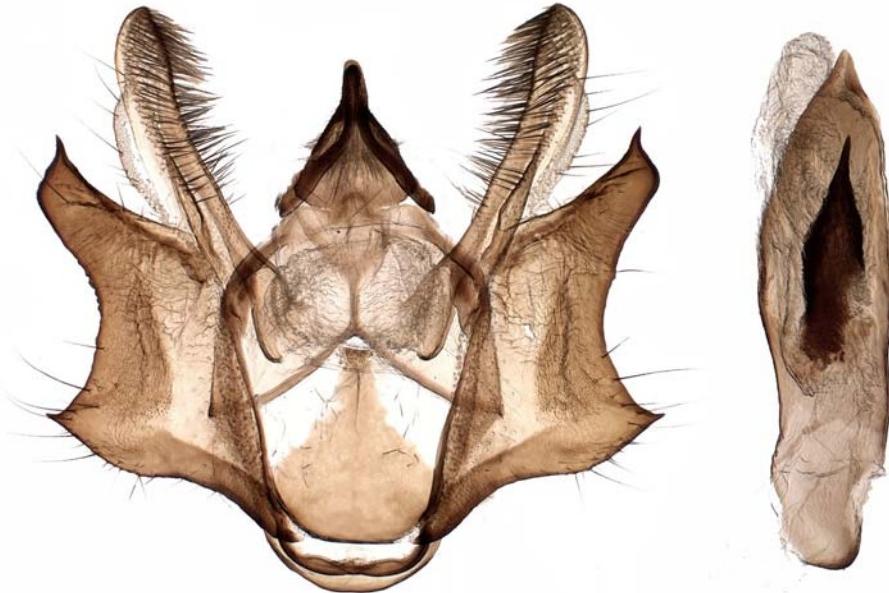


Fig. 7 – *Stueningia taurica* ssp. *sertelorum* n. Paratype (♂), GP2219, from same locality. M. Kemal (Cesa)

This new subspecies is easily distinguishable from *taurica* by large and semi-oval interior recess of valvula in the male genitalia, and dark grey colouration of the wings (**Figs. 6-7**).

The name of the new subspecies is dedicated to Mr. Cahit and Mrs. Meryem Sertel, for their very kind hospitality during our field studies.

Material studied (4♂ 1♀): Holotype ♂ (GP2218), Paratypes: 1♂ (GP2219), 1♂ and 1♀ from South Turkey, Hatay Pr., Samandağ, Meydan, Karabucak 35m, 9.5.2015, M. Kemal & A. Koçak leg. (in coll. Cesa).

References

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- Kemal,M. & A.Ö.Koçak,** 2015, On the Pterygota fauna of Hatay Province (S.Turkey), based upon the info-system of the Cesa. *Cesa News* 102: 16-233, 100 [+1] figs. 34 maps.

Research Article

<http://zoobank.org/urn:lsid:zoobank.org:pub:3DC34294-F2C3-468F-A16E-BB0473897299>

Eco-faunistical notes in the genus *Ecbatania* Ams. in East Turkey (*Lepidoptera, Pyralidae*)

Muhabbet Kemal Ahmet Ömer Koçak

Abstract: Eco-faunistical notes in the genus *Ecbatania* Ams. in East Turkey (*Lepidoptera, Pyralidae*). *Cesa News* 119: 7–8, 2 figs.

In this paper, *Ecbatania holopyrrhella* (Rag.) is reported from Van Province (East Turkey), with some ecological features. Adult male together with the genitalia are re-described and illustrated.

Key words: *Ecbatania holopyrrhella*, *Pyralidae*, *Lepidoptera*, fauna, Van, Turkey, description, illustration, male genitalia.

Ecbatania is a currently valid genus in the subfamily *Phycitinae*, established by Amsel in 1961 (Koçak & Kemal, 2015). The genus is represented in Turkey by a single species, i.e., *Ecbatania holopyrrhella* (Rag.). Rössler (1993) stated on its distribution in the world as “Syrien” and “Russisch Armenien: Kasikoparan” without updating. Koçak & Kemal (2007, 2009) listed this species from Turkey with the provincial codes “46 65 76”, namely Kahramanmaraş, Van and İğdır. The species is reported by Caradja (1916) from “Wan” only. Besides, Rössler (1993) reported also flight time of the species as July; he gave no information about altitude, early stage, ecology, and female morphology.

During his excursion in 2015, the second author collected two males of *Ecbatania* from Van province (**Fig.1**).

For the precise identification, the first author prepared the genitalia of the species illustrated.

Basing upon the structures of male genitalia, after identification of the specimen (cf. Rössler, 1993), new information appear as follows:



Fig. 1 – *Ecbatania holopyrrhella* (Rag.). A male from East Turkey, Van Pr., Ağarti 1790m, 12 09 2015, A Koçak leg; photo M. Kemal (Cesa)

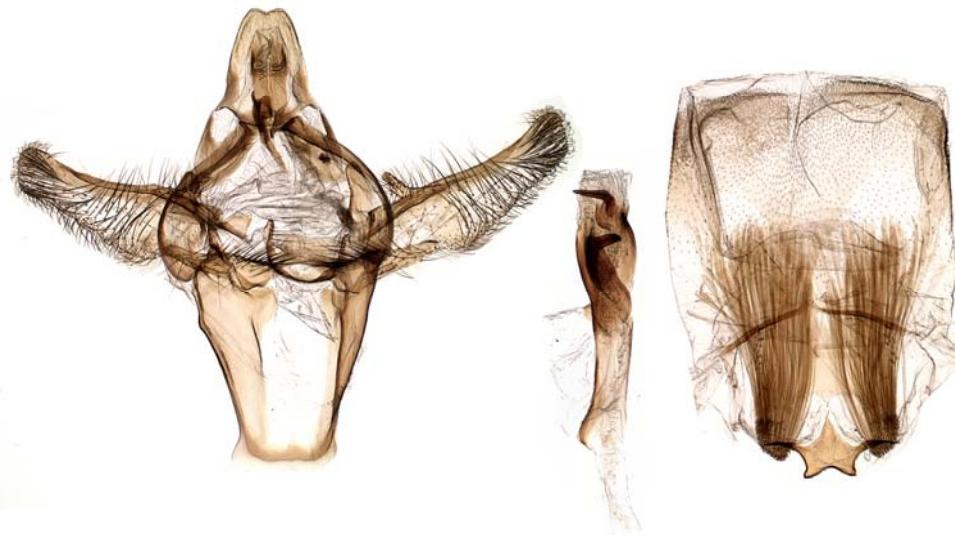


Fig. 2 – *Ecbatania holopyrrhella* (Rag.). Male genitalia and culcita (GP2223), M. Kemal (Cesa).

Flight time of the adult: Nocturnal, from July to September. Apparently this is a summer species, its flight begins from mid July to mid September in one generation.

Abundance: Apparently a rare species.

Vertical distribution: From [600m] ex Kahramanmaraş (Osthelder, 1935) to 1790m ex Van (present paper).

Habitat: Abandoned gardens at upper heights of the mountains (**Fig.3**).

Early stages and larval food-plant: Still unknown.

Material studied: 2 ♂: East Turkey, Van Prov., Ağrı 1790m 12 09 2015, A.Koçak leg. (**Fig.1**); Gen Prep. 2222♂, 2223♂ M. Kemal (coll. Cesa) (**Fig.2**).

Brief description of males: (**Fig.1**) Forewing: 12.5-13mm, wingsize: 28-29mm. External appearance of male is rather anerastiine than phycitine. Antenna filiform, without sinus at base. Palpus labialis prolonged. Upperside of forewing reddish sand colour, veins darker at outer part. Lower veinal part of cell yellowing at discal area. Cilia darker, reddish brown. Hindwing: Whitish at anal part, otherwise greyish brown. Cilia darker at apical area. Male genitalia (**Fig.2**): Gnathos and uncus well developed, the latter with prominent incision at middle. Anellus roundish. Costa of valva almost straight, slightly curved apically. Sacculus nearly 1/2 long of valva. Saccus has approximately shape of square. Aedeagus, long and robust, with two strong cornuti curled at right angles. Culcita pronounced, with well-chitinized basal pentacle.

References

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Research Article

<http://zoobank.org/urn:lsid:zoobank.org:pub:FC52CABD-74D9-488F-BDA3-94E3E566CA69>

Acritonia Ams. in East Turkey (*Lepidoptera, Pyralidae*)

Muhabbet Kemal Ahmet Ömer Koçak

Abstract: *Acritonia* Ams. in East Turkey (*Lepidoptera, Pyralidae*). *Cesa News* 119: 9-10, 2 figs.

In this paper, *Acritonia comeella* Ams. is reported in Turkey for the second time. Adult male and male genitalia of the species are illustrated.

Key words: *Acritonia comeella*, *Pyralidae*, *Lepidoptera*, fauna, Turkey.

The genus *Acritonia* was established by Amsel with the type-species: *Acritonia comeella* Ams. (Amsel, 1954). Akin recorded this genus and the species in Turkey (Bitlis Province, Mutki) for the first time (Koçak & Kemal, 2009; Akin, 2015). Therefore, the genus *Acritonia* was placed to the list of the Pyralid genera in Turkey (Koçak & Kemal, 2015). On the other hand, the species is reported here from Şırnak Prov. (Beytüşşebap), as a second provincial record in Turkey.

Material studied: 1♂. SE Turkey, Şırnak Prov., Beytüşşebap, Dule valley, Öküzmağarası 1250m (73Ad2), 17.8.2013, M. Kemal & A.Ö. Koçak leg. (coll. Cesa)

Distribution in Turkey: Bitlis (Mutki), Şırnak (Beytüşşebap).

References

- Akin,K., 2015. New species and genera for the fauna of Turkey (*Lepidoptera, Pyralidae, Phycitinae*). *Ent. News* 125 (1): 38-42.
Koçak,A.Ö. & M.Kemal, 2009. Revised Checklist of the Lepidoptera of Turkey. *Cent. ent. Stud., Priamus Suppl.* 17: 1-253.
Koçak,A.Ö. & M.Kemal, 2015. List of the genera of *Pyralidae* of Turkey (*Lepidoptera*). *Cesa News* 114: 1-19.



Fig. 1- *Acritonia comeella* Ams., male before dissection (see below). SE Turkey, Şırnak Prov., Beytüşşebap, Dule valley, Öküzmağarası, 17.8.2013, M. Kemal & A.Ö.Koçak leg. (Cesa)

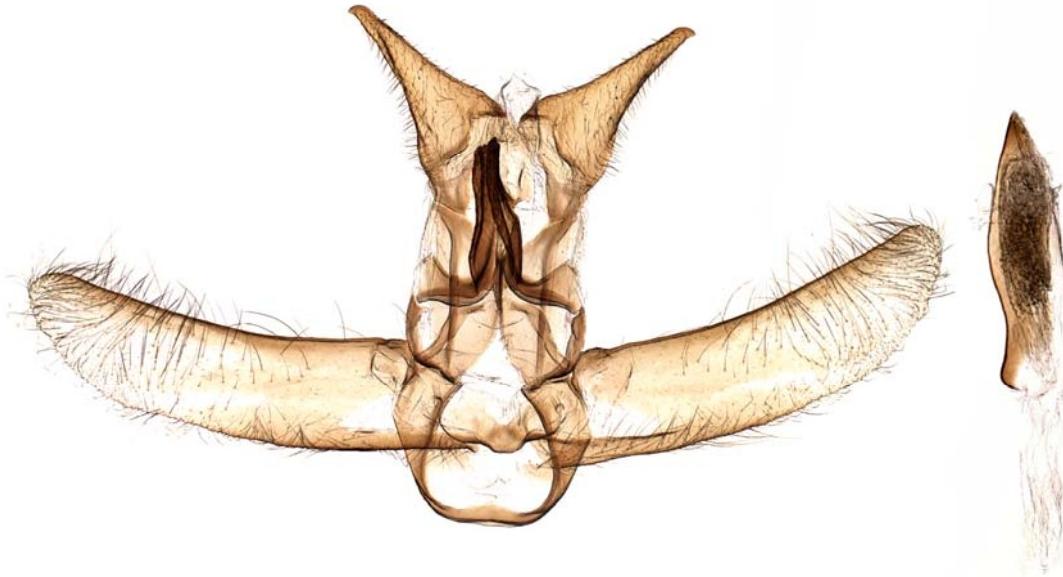


Fig. 2- *Acritonia comeella* Ams. Male genitalia (GP 2210), M. Kemal (Cesa)

Research Article

<http://zoobank.org/urn:lsid:zoobank.org:pub:7885B5BF-09A4-497C-BBED-CC1F6A40C2C3>

On the *Pyralidae* of South East Turkey (*Lepidoptera*)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: On the Pyralidae of South East Turkey (Lepidoptera). *Cesa News* 119: 11-37, 18 figs.

In this short paper, numerical evaluations of the Pyralidae species in South East Turkey are given. Totally 169 pyralid species in South East Turkey are listed. Some images of pyralids taken during field observations are presented. List of the 345 publications on the *Pyralidae* of Turkey are listed with comments.

Key words: *Pyralidae*, *Lepidoptera*, South East Turkey, fauna, list.

Within the short-term Project on the Lepidoptera diversity of the 15. Region¹ of the Ministry of Forest and Water Affairs (MoFWA), the present paper deals with the *Pyralidae* of the South East Turkey, on the following subjects: (1) Numerical evaluations of the Pyralidae species in South East Turkey. (2) List of the Pyralidae species. (3) Some images of the species, taken during field observations. (4) List of the publications on the Pyralidae of Turkey.

This region comprises following 7 provinces in question: Şanlıurfa, Diyarbakır, Mardin, Batman, Siirt, Şırnak, and Hakkari. The species of the *Pyralidae* family hasnot been studied in this properly. Therefore, the present specific number is very low, i.e., 169. This is less than half of the expected number for the region. The distribution of the numerical information on the *Pyralidae* fauna according to the provinces are given in Table 1.

Table 1 – Numerical information of the pyralid species according to the provinces in South East Turkey, based upon the publication (Koçak & Kemal, 2009) and present knowledge of info-system of the Cesa.²

	Şanlıurfa	Diyarbakır	Mardin	Batman	Siirt	Şırnak	Hakkari	SE Turkey
Koçak & Kemal (2009)	9	36	40	2	9	1	12	88
present knowledge	12	65	46	2	69	24	30	169

The authors (Koçak & Kemal, 2009) reported 88 Pyralid species (**Table 1**). The numbers on the *Pyralidae* species mentioned by Akin et al. (2015) are incorrect.

The common list of the species is given below, togenther with their original references:

1. **Acritonia comeella Amsel,1954** Original Reference: Acritonia comeella Amsel,1954, Ark. Zool. (2) 6: 271, figs. 61, 199. Holotype ♂: Iran, Fars, Comé (SMNH).
2. **Acrobasis advenella (Zincken,1818)** Original Reference: Phycis advenella Zincken,1818, Mag. Ent., Halle 3: 141-142. Type: Germany, Braunschweig.
3. **Acrobasis atrisquamella Ragonot,1887** Original Reference: Acrobasis atrisquamella Ragonot,1887, Annls Soc. ent. Fr. 1887: 228. Syntypes: [Turkey]: Malatia.
4. **Acrobasis celticola Staudinger,1879** Original Reference: Acrobasis celticola Staudinger,1879, Horae Soc. ent. ross. 15: 207-208. Syntypes 1♂ 3♀: [Türkei]: Amasia: Kerasdere.

¹ 15. Region contains following 14 provinces in East Turkey: Adiyaman, Diyarbakır, Elazığ, Gaziantep, Malatya, Kahramanmaraş, Siirt, Mardin, Sivas, Tunceli, Şanlıurfa, Batman, Şırnak, and Kilis.

² <http://www.cesa-tr.org/Infos.htm>

- 5. *Acrobasis dulcella* (Zeller,1848)** Original Reference: Rhodophaea dulcella Zeller,1848, Isis 1848: 663.
- 6. *Acrobasis obtusella* (Hübner,1796)** Original Reference: Tinea obtusella Hübner,1796, Samml. eur. Schmett. 8, Tineae: Tab.31 fig.215. Type(s): Europa.
- 7. *Acrobasis repandana* (Fabricius,1798)** Original Reference: Pyralis repandana Fabricius,1798, Ent. Syst. Suppl.: 478. Type: Europa.
- 8. *Acrobasis tumidana* ([Denis & Schiffermüller],1775)** Original Reference: Tortrix tumidana [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett. Wienergegend: 103. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848].
- 9. *Aeglotis argentalis* (Christoph,1887)** Original Reference: ?Anaeglis argentalis Christoph,1887, [in] Romanoff, Mém. Lépid. 3: 106-109, Pl.5 fig.6. Type ♂: [Turkmenistan]: "Kisil-Arwat".
- 10. *Agriphila inquinatella* ([Denis & Schiffermüller],1775)** Original Reference: Tinea inquinatella [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett. Wienergegend: 134. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848].
- 11. *Ambia thyridialis* (Lederer,1855)** Original Reference: Nymphula thyridialis Lederer,1855, Verh. zool.- bot. Ver. Wien 5: 220-221, Taf.4 fig.2. Type ♀: [Lebanon]: "Beirut" (F.Zach).
- 12. *Anarpia incertalis* (Duponchel,1832)** Original Reference: Eudorea incertalis Duponchel,1832, Hist. nat. Lépid. Pap. Fr. 8 (2): 286-287, pl.229 fig.4. Type: Corse.
- 13. *Ancylolomia tentaculella* (Hübner,1796)** Original Reference: Tinea tentaculella Hübner,1796, Samml. eur. Schmett. 8, Tineae: Tab.33 fig.230. Type(s): Europa.
- 14. *Ancylosis candidatella* (Lederer,1858)** Original Reference: Myelois candidatella Lederer,1858, Wien. ent. Monatschr. 2: 149, Taf.4 fig.6. Syntypes ♂♀: Syrien: Damask.
- 15. *Ancylosis cinnamomella* (Duponchel,1836)** Original Reference: Phycis cinnamomella Duponchel,1836, Hist. nat. Lépid. Papillons Fr. 10: 190, Pl.279, f.4. Type(s): France: Montpellier.
- 16. *Ancylosis convexella* (Lederer,1855)** Original Reference: Myelois convexella Lederer,1855, Verh. zool.- bot. Ges. Wien 5: 222, t.4 fig.9. Lectotype ♂: Libanon: Beirut (designated by Roesler,1973, Microlepid. palaearkt. 4: 401) (ZMB).
- 17. *Ancylosis deserticola* (Staudinger,1870)** Original Reference: Myelois deserticola Staudinger,1870, Berl. ent. Z. 14: 201. Type ♂: Russland: Sarepta (ZMB).
- 18. *Ancylosis gracilella* Ragonot,1887** Original Reference: Heterographis gracilella Ragonot,1887, Annls Soc. ent. Fr. 1887: 248. Syntypes: [Turkmenistan]: Krasnowodsk, [Usbekistan]: Namangan; [Uighur Ili]: Kuldja.
- 19. *Ancylosis harmoniella* (Ragonot,1887)** Original Reference: Heterographis harmoniella Ragonot,1887, Annls Soc. ent. Fr. 1887: 247. Syntypes: [Algerie]: Gabes, Biskra.
- 20. *Ancylosis hellenica* (Staudinger,1870)** Original Reference: Myelois rhodochrella var.? hellenica Staudinger,1870, Horae Soc. ent. ross. 7: 209210. Tab.2 fig.18. Syntypes 4♂: Griechenland: Attica.
- 21. *Ancylosis iranella* Ragonot,1887** Original Reference: Ancylosis iranella Ragonot,1887, Annls Soc. ent. Fr. 1887: 251-252. Type(s): [Iran]: Schahkuh.
- 22. *Ancylosis maculifera* Staudinger,1870** Original Reference: Ancylosis ? maculifera Staudinger,1870, Berl. ent. Z. 14: 198. Lectotype ♂: Russland: Sarepta (Roesler, 1973: 342).
- 23. *Ancylosis oblitella* (Zeller,1848)** Original Reference: Ephestia oblitella Zeller,1848, Isis 1848: 597. Lectotype ♂: Russland: Sarepta (Roesler,1973: 440).
- 24. *Ancylosis pectinatella* (Ragonot,1887)** Original Reference: Heterographis pectinatella Ragonot,1887, Annls Soc. ent. Fr. 1887: 245-246. Type(s): [Usbekistan]: Marghilan (ZMB).
- 25. *Ancylosis rhodochrella* (Herrich-Schäffer,1855)** Original Reference: Pyralis rhodochrella Herrich-Schäffer,1855, Syst. Bearb. Schmett. Eur. 6: 147. Type ♂: [Algerien]: Lambessa.
- 26. *Ancylosis roscidella* (Eversmann,1844)** Original Reference: Phycis roscidella Eversmann,1844, Fauna Lepidopt. Volgo-Uralensis: 553-554. Type: Russia: Volga river.
- 27. *Ancylosis samaritanella* (Zeller,1867)** Original Reference: Euzophera samaritanella Zeller,1867, Stettin ent. Ztg. 28(10/12): 379-380. Syntypes 2♀: Jordenthal.
- 28. *Ancylosis sareptalla* (Herrich-Schäffer,1861)** Original Reference: Epischnia sareptalla Herrich-Schäffer,1861, Neue Schmett. Eur. 1861: 28, fig.145. Type ♀: Russland: Sarepta.
- 29. *Ancylosis turaniella* Ragonot,1887** Original Reference: Ancylosis turaniella Ragonot,1887, N. Amer. Phycit. 1887: 30. Type ♂: [Turkmenistan]: Achal Tekke (MNHNP).
- 30. *Angustalius malacellus* (Duponchel,1836)** Original Reference: Crambus malacellus Duponchel,1836, Hist. nat. Lépid. Papillons Fr. 10: 61 Taf.270 fig.5. Type ♀: Spanien: Malaga.
- 31. *Anthophilopsis baphialis* (Staudinger,1870)** Original Reference: Anthophilodes baphialis Staudinger,1870, Horae Soc. ent. ross. 7: 183-184, pl.2 fig.7. Type: Grichenland, Athen.
- 32. *Aporodes floralis* (Hübner,[1809])** Original Reference: Pyralis floralis Hübner,[1809], Samml. eur. Schmett. 6, Pyralides: Tab.22 fig.142. Type(s): Europa.

- 33. Arimania komaroffi (Ragonot,1888)** Original Reference: Salebria komaroffi Ragonot,1888, Nouv. gen.: 18. Type(s): Transeaucasie.
- 34. Arsissa miridella (Ragonot,1893)** Original Reference: Pristophora miridella Ragonot,1893, [in] Romanoff, Mém. Lépid. 7: 244, Pl.11 fig.24. Type ♂: [Turquie]: "Mardin [anc. miride]".
- 35. Arsissa ramosella (Herrich-Schäffer,[1855])** Original Reference: Pyralis ramosella Herrich-Schäffer,[1855], Syst. Bearb. Schmett. Eur. 6:148, Taf.21 fig.146. Type(s): [Türkei]: Amasia.
- 36. Asalebria (Exophora) exasperata (Staudinger,1879)** Original Reference: Myelois ? exasperata Staudinger,1879, Horae Soc. ent. ross. 15: 217-218. Syntypes 1♂: [Türkei]: Amasia: Jenikeui-Hochebene; 1♀: Taurus.
- 37. Asalebria (s.str.) geminella (Eversmann,1844)** Original Reference: Myelophila geminella Eversmann,1844, Fauna lepid. Volga-Ural.: 564. Type: Russia: Ural.
- 38. Bradyrrhoa confiniella Zeller,1848** Original Reference: Bradyrrhoa confiniella Zeller,1848, Isis 1848: 683. Lectotype ♂: Libanon: Beirut (Roesler, 1993: 92).
- 39. Bradyrrhoa gilveolella (Treitschke,1833)** Original Reference: Phycis gilveolella Treitschke,1833, Schmett. Eur. 9(2): 271. Type(s): Ungarn.
- 40. Cadra abstersella (Zeller,1847)** Original Reference: Myelois abstersella Zeller,1847, Isis 1847: 763-764. Type: Sicilia.
- 41. Cadra cautella (Walker,1863)** Original Reference: Pempelia cautella Walker,1863, List Specimens lepid. Insects Colln Br. Mus. 27: 73. Type ♂: [Sri Lanka]: Ceylon.
- 42. Cadra furcatella (Herrich-Schäffer,[1849])** Original Reference: Homoeosoma furcatella Herrich-Schäffer,[1849], Syst. Bearb. Schmett. Eur. 4: 107. Type(s): Österreich: Alpeck.
- 43. Cholius luteolaris (Scopoli,1772)** Original Reference: Phalaena luteolaris Scopoli,1772, Annu. Hist.- Nat.: 118. Type: Hungaria.
- 44. Chrysoteuchia culmella (Linnaeus,1758)** Original Reference: Phalaena culmella Linnaeus,1758, Syst. Nat. (Edn.10): 535. Lectotype ♂: [Europa] (Bleszynski,1965: 166).
- 45. Crambus pascuellus (Linnaeus,1758)** Original Reference: Phalaena pascuellus Linnaeus,1758, Syst. Nat. (Edn.10): 535. Lectotype ♂: [Europa] (Robinson & Nielsen, 1983: 222).
- 46. Cybalomia pentadalis (Lederer,1855)** Original Reference: Botys pentadalalis Lederer,1855, Verh. zool.- bot. Ges. Wien 5: 217-218, Taf. 3 fig.13. Syntypes 2♂♀: Libanon: Beirut.
- 47. Cynaeda (Noctuelia) mardinalis Staudinger,1892** Original Reference: Noctuelia mardinalis Staudinger,1892, Dt. ent. Z., Iris 5: Taf.3 fig.16; 1893, ibid. 6: 77. Syntypes ♂♀: [Türkei]: "Mardin (in Kurdistan)".
- 48. Cynaeda (Noctuelia) superba (Freyer,[1844])** Original Reference: Cleophana superba Freyer,[1844], Neuere Beitr. Schmett. 5: 101, Taf.441, fig.2. Type(s): [Türkei]: europäische Türkei.
- 49. Cynaeda (Usgentia) vespertalis (Herrich-Schäffer,[1855])** Original Reference: Noctuelia vespertalis Herrich-Schäffer,[1855], Syst. Bearb. Schmett. Eur. 6: 140, figs. 121-123.
- 50. Cynaeda (s.str.) dentalis ([Denis & Schiffermüller],1775)** Original Reference: Pyralis dentalis [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett. Wienergegend: 120. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848].
- 51. Cynaeda (s.str.) gigantea (Staudinger,1879)** Original Reference: Odontia dentalis v. gigantea Staudinger,1879, Horae Soc. ent. ross. 15: 165-166. Syntypes: [Türkei]: Amasia.
- 52. Denticera divisella (Duponchel,1842)** Original Reference: Phycis divisella Duponchel,1842, Hist. nat. Lépid. Pap. Fr. Suppl. 4: 126-127, pl.60 fig.9.
- 53. Dolicharthria bruguieralis (Duponchel,1833)** Original Reference: Botys bruguieralis Duponchel,1833, [in] Godart, Hist. Nat. Lépid. Pap. Fr. 15: 320, Tab. 232 fig.3. Syntypes: Nismes [sic!], Corsica.
- 54. Dolicharthria intervacatalis (Christoph,1877)** Original Reference: Stenia intervacatalis Christoph,1877, Horae Soc. ent. ross. 12: 276-277, pl.7 fig.47. Syntypes ♂♀: [Iran]: Schahrud.
- 55. Dolicharthria punctalis ([Denis & Schiffermüller],1775)** Original Reference: Pyralis punctalis [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett. Wienergegend: 123. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848].
- 56. Donacula nilotica (Zeller,1867)** Original Reference: Schoenobius niloticus Zeller,1867, Stettin ent. Ztg. 28 (10/12): 367-368. Type ♂: Egypt: Alexandria [İskenderiye].
- 57. Duponchelia fovealis Zeller,1847** Original Reference: Duponchelia fovealis Zeller,1847, Isis v.Oken, Leipzig 588. Type: Sicilia.
- 58. Ecpyrrhorhoe diffusalis (Guenée,1854)** Original Reference: Botys diffusalis Guenée,1854, [in] Boisduval & Guenée, Hist. nat. Insectes (Spec. gén. Lépid.) 8: 340. Syntypes 2♂ 3♀: "Espagne, France mer., env. Nîmes et de Montpellier" (coll. Guenée & Lefebvre).
- 59. Endotricha flammealis ([Denis & Schiffermüller],1775)** Original Reference: Pyralis flammealis [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett. Wienergegend: 123. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848].

- 60. *Epactoctena octogenalis* (Lederer,1863)** Original Reference: Metasia octogenalis Lederer,1863, Wien. ent. Monatschr. 7: 421, 481, Taf. 15 fig.10. Type ♂: Syrien.
- 61. *Epascestria pustulalis* (Hübner,[1823])** Original Reference: Pyralis pustulalis Hübner,[1823], Samml. eur. Schmett. 6, Pyralides: Tab.30 figs.191,192 Syntypes: Europa.
- 62. *Ephelis cruentalis* (Geyer,[1832])** Original Reference: Uresiphita cruentalis Geyer,[1832], [in] Hübner, Zuträge Samml. exot. Schmett. 4: 29, pl.[124], figs. 721,722.
- 63. *Ephestia (s.str.) disparella* Hampson,1901** Original Reference: Ephestia disparella Hampson,1901, [in] Romanoff, Mém. lépid. 8: 298, pl.34 fig.25. Type ♂: [Turquie]: Bursa (NMW).
- 64. *Ephestia (s.str.) unicolorella* Staudinger,1881** Original Reference: Ephestia unicolorella Staudinger,1881, Horae Soc. ent. ross. 16: 89. Syntypes 1♂ 4♀: [Türkei]: "Amasia" (leg. Johann).
- 65. *Epimetasia eoa* (Meyrick,1936)** Original Reference: Neoschoenobia eoa Meyrick,1936, Exot. Microlepid. 5: 28. Type ♂: Iraq: Rayat, July (E.P.Wiltshire leg. & coll.).
- 66. *Epimetasia vestalis* (Ragonot,1894)** Original Reference: Metasiodes vestalis Ragonot,1894, Annls Soc. ent. Fr. 1894: 173. Type ♂: [Turkey]: Mardin.
- 67. *Epischnia christophori* Ragonot,1887** Original Reference: Epischnia christophori Ragonot,1887, Annls Soc. ent. Fr. 1887: 238. Syntypes: [Turkey]: Kazikoparan; [Turkmenistan]: Nuchur.
- 68. *Epischnia prodromella* (Hübner,[1799])** Original Reference: Tinea prodromella Hübner,[1799], Samml. eur. Schmett. 8, Tineae: Tab. 37 fig.254. Type(s): Europa.
- 69. *Euchromius bellus* (Hübner,1796)** Original Reference: Tinea bella Hübner,1796, Samml. eur. Schmett., Tineae: 29, Taf.9 f.60. Type(s): Ungarn.
- 70. *Euchromius ocellus* (Haworth,[1811])** Original Reference: Palparia ocella Haworth,[1811], Lep. Br.:486. Type ♂: England.
- 71. *Euchromius pulverosus* (Christoph,1887)** Original Reference: Eromene pulverosa Christoph,1887, [in] Romanoff,Mem. Lepid. 3: 47, Taf.2 f.14. Lectotype ♀: [Aserbaidschan]: Ordubad.
- 72. *Euclasta (s.str.) splendidalis* (Herrich-Schäffer,[1848])** Original Reference: Botys splendidalis Herrich-Schäffer,[1848], Syst. Bearb. Schmett. Eur. 4: 32, fig.109. "aus der Turkey". This figure was selected as Lectotype by Popescu-Gorj & Constantinescu,1976).
- 73. *Eurhodope (Eurhobasis) lutescentella* (Caradja,1916)** Original Reference: Myelois lutescentella Caradja,1916, Dt. ent. Z., Iris 30: 17. Syntypes 1♂ 2♀: [Türkei]: Mardin.
- 74. *Euzophera (s.str.) bigella* (Zeller,1848)** Original Reference: Ephestia bigella Zeller,1848, Isis 1848: 596. Type ♀: Italien: Toskana (BMNH).
- 75. *Euzophera (s.str.) flagella* (Lederer,1869)** Original Reference: Myelois flagella Lederer,1869, Horae Soc. ent. ross. 6: 91, Taf.5 fig.12. Type ♂: [Iran]: Astrabad [Gorgan], leg. Haberhauer (ZMB).
- 76. *Euzophera (s.str.) imperfectella* Ragonot,1895** Original Reference: Euzophera imperfectella Ragonot,1895, Bull. Soc. ent. Fr. 1895: 100. Lectotype ♀: [Turquie]: Alexandrette [İskenderun] (designated by Roesler,1973, Microlep. palaearkt. 4: 223) (MNHNP).
- 77. *Euzophera (s.str.) osseatella* (Treitschke,1832)** Original Reference: Phycis osseatella Treitschke,1832, Schmett. Eur. 9(1): 199. Lectotype ♂: Sicilien (designated by Whalley,1963: 100).
- 78. *Euzophera (s.str.) pinguis* (Haworth,[1811])** Original Reference: Phycis pinguis Haworth,[1811], Lepid. Br.: 493. Type(s): England.
- 79. *Euzophera (s.str.) pulchella* Ragonot,1887** Original Reference: Euzophera pulchella Ragonot,1887, Annls Soc. ent. Fr. 1887: 254. Lectotype ♂: Balkan (designated by Roesler,1973, Microlep. palaearkt. 4: 224) (ZMB).
- 80. *Euzopherodes lutisignella* (Mann,1869)** Original Reference: Myelois lutisignella Mann,1869, Verh. zool.- bot. Ges. 19: 381. Type ♂: Dalmatien: Ragusa.
- 81. *Euzopherodes vapidella* (Mann,1857)** Original Reference: Ephestia vapidella Mann,1857, Wien. ent. Monatschr. 1: 171. Lectotype ♂: Fiume: Buccari (Roesler, 1973: 271).
- 82. *Evergestis sophialis* (Fabricius,1787)** Original Reference: Phalaena sophialis Fabricius,1787, Mant. Ins. 2: 217, nr. 277. Type(s): Österreich.
- 83. *Evergestis umbrosalis* (Fischer v. Röslerstamm,[1842])** Original Reference: Scopula umbrosalis Fischer v. Röslerstamm,[1842], Abb. Ber. Erg. Schmettkde...: 274, pl.92 fig.2. Type: [Turkey: Istanbul]: "Constantinople".
- 84. *Faveria sordida* (Staudinger,1879)** Original Reference: Pempelia sordida Staudinger,1879, Horae Soc. ent. ross. 15: 196-197. Syntypes 14♂♀: [Türkei]: Amasia (Kerasdere).
- 85. *Glaucocharis euchromiella* (Ragonot,1895)** Original Reference: Diptychophora euchromiella Ragonot,1895, Bull. Soc. ent. Fr. 1895: xcix. Holotype ♂: [Turquie]: Akbes (MNHNP).
- 86. *Hellula undalis* (Fabricius,1781)** Original Reference: Phalaena undalis Fabricius,1781, Spec. Ins. 2: 272. Type(s): Italia.
- 87. *Herpetogramma licarsialis* (Walker,1859)** Original Reference: Botys licarsialis Walker,1859, List Specimens lepid Insects Colln Br. Mus. 18: 686. Type: Borneo, Sarawak (BMNH).

- 88. *Homoeosoma (s.str.) sinuellum (Fabricius,1794)*** Original Reference: Tinea sinuella Fabricius,1794, Ent. Syst. 3(2): 308, nr.94. Type(s): Italia (Museum Kiel).
- 89. *Hypsopygia costalis (Fabricius,1775)*** Original Reference: Phalaena costalis Fabricius,1775, Syst. Ent.: 644, nr.132. Type(s): Anglia.
- 90. *Isauria dilucidella (Duponchel,1836)*** Original Reference: Phycis dilucidella Duponchel,1836, Hist. nat. Lépid. Papillons Fr. 10: 184, Pl.278 fig.7. Type ♂: France.
- 91. *Keradere lepidella (Ragonot,1887)*** Original Reference: Salebria lepidella Ragonot,1887, Annls Soc. ent. Fr. 1887: 232. Type(s): [Turquie]: Asie Mineure: Marasch.
- 92. *Loxostege bicoloralis W.Warren,1892*** Original Reference: Loxostege bicoloralis W.Warren,1892, Ann. Mag. nat. Hist. (6) 9: 178. Type: Iraq, Baghdad.
- 93. *Loxostege mucosalis (Herrick-Schäffer,[1848])*** Original Reference: Botys mucosalis Herrich-Schäffer,[1848], Syst. Bearb. Schmett. Eur. 4: 23, f.14,15. Syntypes: [Türkei]: Konstantinopel [Istanbul].
- 94. *Mecyna biterinalis (Mann,1862)*** Original Reference: Botys biterinalis Mann,1862, Wien. ent. Monatschr. 6: 385, Taf.3 fig. 7. Type: Kleinasien [Turkey]: Brussa [Bursa].
- 95. *Mecyna flavalis ([Denis & Schiffermüller],1775)*** Original Reference: Pyralis flavalis [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett. Wienergegend: 121. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848].
- 96. *Mecyna lutealis (Duponchel,1833)*** Original Reference: Botys lutealis Duponchel,1833, Hist. nat. Lépid. Pap. Fr. 8 (2): 331-332, pl.233 fig.1. Type: France, Hérault.
- 97. *Mecyna lutulentalis (Lederer,1858)*** Original Reference: Botys lutulentalis Lederer,1858, Wien. ent. Monatschr. 2: 148, Taf.4 fig.2. Syntypes: Syria: Damask.
- 98. *Mecyna subsequalis (Herrick-Schäffer,1851)*** Original Reference: Botys subsequalis Herrich-Schäffer,1851, Syst. Bearb. Schmett. Eur. 6: 141, pl.19 fig.133. Type: Armenia.
- 99. *Mecyna trinalis ([Denis & Schiffermüller],1775)*** Original Reference: Pyralis trinalis [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett. Gegend: 317. Type(s): [Austria]: Vienna district.
- 100. *Metallosticha argyrogrammos (Zeller,1847)*** Original Reference: Myelois argyrogrammos Zeller,1847, Isis 1847: 29-30. Type ♂: [Turkey]: Makri [=Fethiye].
- 101. *Metasia (Clasperia) ophialis (Treitschke,1829)*** Original Reference: Botys ophialis Treitschke,1829, Schmett. Eur. 7: 90. Type(s): Ungarn.
- 102. *Metasia (s.str.) inustalis Ragonot,1894*** Original Reference: Metasia inustalis Ragonot,1894, Annls Soc. ent. Fr. 1894: 169-170. Type ♂: [Turkey]: Mardin.
- 103. *Metasia (s.str.) virginalis Ragonot,1894*** Original Reference: Metasia virginalis Ragonot,1894, Annls Soc. ent. Fr. 1894: 170. Syntypes ♂♀: [Turkey]: Mardin.
- 104. *Myelois circumdatella Lederer,1858*** Original Reference: Myelois circumdatella Lederer,1858, Wien. ent. Monatschr. 2: 149, Taf.4 fig.5. Syntypes 3♂: Syrien: Damask.
- 105. *Myelois circumvoluta (Fourcroy,1785)*** Original Reference: Tinea circumvoluta Fourcroy,1785, Ent. Paris: 326. Type(s): Paris.
- 106. *Myelois cibratella Zeller,1847*** Original Reference: Myelois cibratella Zeller,1847, Isis 1847: 762. Type(s): Sizilien.
- 107. *Myelois luticornella Ragonot,1887*** Original Reference: Myelois luticornella Ragonot,1887, Annls Soc. ent. Fr. (6) 7: 226. Type ♂: [Turquie]: Marasch (coll. Staudinger) [vide: Ragonot,1893, Mém. Lépid. 7: pl.xi fig.2].
- 108. *Myelois pluripunctella (Ragonot,1887)*** Original Reference: Myelois pluripunctella Ragonot,1887, Annls Soc. ent. Fr. 1887: 226. Syntypes 2♂: [Lebanon]: Beirut.
- 109. *Myelois pumicosa Lederer,1855*** Original Reference: Myelois pumicosa Lederer,1855, Verh. zool.- bot. Ges. Wien 5: 252-253. Syntypes 2♂: Türkei: Diarbekir.
- 110. *Myrlaea albistrigata (Staudinger,1881)*** Original Reference: Pempelia albistrigata Staudinger,1881, Horae Soc. ent. ross. 16: 86. Syntypes 2♂♀: [Turkey]: Amasia.
- 111. *Nephopterix melanotaeniella Ragonot,1888*** Original Reference: Nephopterix melanotaeniella Ragonot,1888, Nouv. Genr. esp. Phycit. & Galler.: 15. Type: [Turkey]: Mardin.
- 112. *Nomophila noctuella ([Denis & Schiffermüller],1775)*** Original Reference: Tinea noctuella [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett. Wienergegend: 136. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848].
- 113. *Nyctegretis lineana (Scopoli,1786)*** Original Reference: Phalaena lineana Scopoli,1786, Del. Flora Faun. Insub. 2: 57, Tab.21 fig. vi A, B.
- 114. *Susia discomaculella (Ragonot,1888)*** Original Reference: Pristophora discomaculella Ragonot,1888, N. Genr.: 6.
- 115. *Oncocera amoenella (Zeller,1848)*** Original Reference: Acrobasis amoenella Zeller,1848, Isis 1848: 609-610. Type(s): "die europäische Turkey (Metzner)".

- 116. *Oncocera semirubella* (Scopoli,1763) Original Reference: Phalaena semirubella Scopoli,1763, Ent. Carn.: 245. Type(s): [Slovenien]: Carniola [Krain].**
- 117. *Pediasia desertella* (Lederer,1855) Original Reference: Crambus desertellus Lederer,1855, Verh. zool.- bot. Ges. Wien 5: 220, Taf.4 fig.7 Lectotype ♂: [Libanon]: Beirut (Bleszynski,1965: 386).**
- 118. *Pempelia brephiella* (Staudinger,1879) Original Reference: Nephopteryx brephiella Staudinger,1879, Horae Soc. ent. ross. 15: 191-192. Syntypes ♂♂: Macedonien.**
- 119. *Pempelia palumbella* ([Denis & Schiffermüller],1775) Original Reference: Tinea palumbella [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett. Wienergegend: 138. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848].**
- 120. *Phlyctaenomorpha sinuosalis* (Le Cerf,[1910]) Original Reference: Phlyctoenodes [sic!] sinuosalis le Cerf,[1910], Bull. Mus. natn. Hist. nat. Paris 3 (8) (1909): 536. Type ♂: [Iran]: Perse: Ab-e-bid.**
- 121. *Phycita diaphana* (Staudinger,1870) Original Reference: Nephopteryx diaphana Staudinger,1870, Berl. ent. Z. 14: 197-198. Syntypes 1♂ 3♀: Spain: "Malaga".**
- 122. *Phycita strigata* (Staudinger,1879) Original Reference: Nephopteryx strigata Staudinger,1879, Horae Soc. ent. ross. 15: 190-191. Syntypes 1♂ 6♀: [Türkei]: Amasia: Kerasdere.**
- 123. *Phycita spissicella* (Fabricius,1777) Original Reference: Tinea spissicella Fabricius,1777, Genera Insectorum: 295.**
- 124. *Phycitodes albatella* (Ragonot,1887) Original Reference: Homoeosoma albatella Ragonot,1887, Annls Soc. ent. Fr. 1887: 255. Syntypes: [Usbekistan]: Samarkand; [Turkmenistan]: Nuchur.**
- 125. *Polyocha strigosa* (Staudinger,1879) Original Reference: Anerastia strigosa Staudinger,1879, Horae Soc. ent. ross. 15: 225-226. Syntypes 13♂♀: [Türkei]: Amasia: Kerasdere.**
- 126. *Pristocerella solskyi* (Christoph,1877) Original Reference: Myelois solskyi Christoph,1877, Horae Soc. ent. ross. 12: 287, Pl.8 fig.59. Lectotype ♂: [Iran]: Hadschyabad (Roesler, 1993: 136).**
- 127. *Pseudosyria sororiella* (Zeller,1839) Original Reference: Pempelia sororiella Zeller,1839, Isis, Oken 32: 179. Type: Hungary.**
- 128. *Pterothrixidia rufella* (Duponchel,1836) Original Reference: Phycis rufella Duponchel,1836, Hist. nat. Lépid. Papillons Fr. 10: 170, pl.277 fig.6. Type(s): France, Corse.**
- 129. *Pyralis farinalis* (Linnaeus,1758) Original Reference: Phalaena farinalis Linnaeus,1758, Syst. Nat. (Edn.10)1: 533. Lectotype ♀: [Europa] (Robinson & Nielsen, 1983: 210).**
- 130. *Pyralis kacheticalis* (Christoph,1893) Original Reference: Asopia kacheticalis Christoph,1893, Dt. ent. Z., Iris 6: 96. Syntypes: "Eldar, Muganlı, Transcaucas.".**
- 131. *Pyralis regalis* [Denis & Schiffermüller],1775 Original Reference: Pyralis regalis [Denis & Schiffermüller],1775, Ankündung syst. Werkes Schmett. Wienergegend: 124. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848].**
- 132. *Pyrasia gutturalis* (Staudinger,1879) Original Reference: Botys gutturalis Staudinger,1879, Horae Soc. ent. ross. 15: 175. Type ♂: [Türkei]: Magnesia (coll. Lederer).**
- 133. *Pyrausta aerealis* (Hübner,1793) Original Reference: Phalaena aerealis Hübner,1793, Samml. auserl. Vögel Schmett.: 7, pl.20.**
- 134. *Pyrausta aurata* (Scopoli,1763) Original Reference: Phalaena aurata Scopoli,1763, Entomologia Carniolica: 227. Type(s): [Slovenien]: Carniola [Krain].**
- 135. *Pyrausta castalis* Treitschke,1829 Original Reference: Pyrausta castalis Treitschke,1829, Schmett. Eur. 7: 165. Type(s): [Kroatien]: Dalmatien.**
- 136. *Pyrausta delicatalis* Caradja,1916 Original Reference: Pyrausta delicatalis Caradja,1916, Dt. ent. Z., Iris 30: 40. Syntypes 2♂: [Türkei]: "Mardin".**
- 137. *Pyrausta despicata* (Scopoli,1763) Original Reference: Phalaena despicata Scopoli,1763, Entomologia Caniolica: 231. Type(s): [Slovenien]: Carniola [Krain].**
- 138. *Pyrausta euergestalis* (Amsel,1954) Original Reference: Trigonuncus euergestalis Amsel,1954, Ark. Zool. 6 (16): 313-314, figs. 184,277,278. Holotype ♂: Iran: Teheran.**
- 139. *Pyrausta ferrealis* (Hampson,1900) Original Reference: Stenia ferrealis Hampson,1900, Trans. ent. Soc. Lond. 1900 (2): 385. Holotype ♂: [Turkey]: "Armenia, Mardin" (coll. Staudinger).**
- 140. *Pyrausta limbopunctalis* (Herrich-Schäffer,[1849]) Original Reference: Botys limbopunctalis Herrich-Schäffer,[1849], Syst. Bearb. Schmett. Eur. 4: 115, pl.17 fig.117. Type: Spain.**
- 141. *Pyrausta pauperalis* (Staudinger,1879) Original Reference: Botys pauperalis Staudinger,1879, Horae Soc. ent. ross. 15: 173-174. Type ♂: [Türkei]: Amasia.**
- 142. *Pyrausta sanguinalis* (Linnaeus,1767) Original Reference: Phalaena sanguinalis Linnaeus,1767, Syst. Nat. (Edn.12) 1(2): 882, no.339. Lectotype 1 ex: [Lusitania] (Robinson & Nielsen, 1983: 229).**
- 143. *Pyrausta virginalis* Duponchel,1832 Original Reference: Pyrausta virginalis Duponchel,1832, Hist. nat. Lépid. Papillons Fr. 8: 216-217, pl.224 fig.3. Type: [Greece]: Morée.**

- 144. *Pyraustimorpha inexpectata* Koçak & Seven, 1995** Original Reference: Pyraustimorpha inexpectata Koçak & Seven, 1995, Cent. ent. Stud., Misc. Pap. 23/24: 14-15, figs. Holotype ♂: Turkey: Ankara: Gölbasi, Kepekli Pass 1100m (in coll. Cesa).
- 145. *Sciota insignella* (Mann, 1862)** Original Reference: Nephopteryx insignella Mann, 1862, Wien. ent. Monatschr. 6: 391, pl.3 fig.9. Type: [Türkei]: "Brussa" [Bursa].
- 146. *Sitochroa palealis* ([Denis & Schiffermüller], 1775)** Original Reference: Pyralis palealis [Denis & Schiffermüller], 1775, Ankündung syst. Werkes Schmett. Wienergegend: 123. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848].
- 147. *Sitochroa straminealis* (Hampson, 1900)** Original Reference: Phlyctaenodes straminealis Hampson, 1900, Trans. ent. Soc. Lond. 1900 (2): 388, pl.iii fig.22. Holotype ♂: [Turkey]: "Asia Minor" (coll. Staudinger).
- 148. *Sitochroa verticalis* (Linnaeus, 1758)** Original Reference: Phalaena verticalis Linnaeus, 1758, Syst. Nat. (Edn.10)1: 533. Lectotype ♀: [Europa] (Robinson & Nielsen, 1983: 236).
- 149. *Stemmatophora honestalis* (Treitschke, 1829)** Original Reference: Pyralis honestalis Treitschke, 1829, Schmett. Eur. 7: 49-50. Type: Ungarn.
- 150. *Stiphrometasia sancta* (Hampson, 1900)** Original Reference: Metasia sancta Hampson, 1900, Trans. ent. Soc. Lond. 1900 (2): 393. Holotype ♂: [Jordan]: "Syria, Lower Jordan" (coll. Staudinger).
- 151. *Sultania lophotalis* (Hampson, 1900)** Original Reference: Macalla lophotalis Hampson, 1900, Trans. ent. Soc. Lond. 1900 (2): 375. Syntypes ♂♀: [Turkey]: "Armenia, Zeitun [=Süleymanli]; Mardin" (coll. Staudinger).
- 152. *Susia uberalis* (Swinhoe, 1884)** Original Reference: Pyralis uberalis Swinhoe, 1884, Proc. zool. Soc. Lond. 1884: 523, pl.48 fig.10. Type ♀: Pakistan: Karachi.
- 153. *Synaphe bombycalis* ([Denis & Schiffermüller], 1775)** Original Reference: Pyralis bombycalis [Denis & Schiffermüller], 1775, Ankündung syst. Werkes Schmett. Wienergegend: 120. Type(s): [Austria]: Vienna district [Types presumably destroyed by fire in 1848].
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- 155. *Synaphe morbidalis* (Guenée, 1849)** Original Reference: Cledeobia morbidalis Guenée, 1849, [in] Lucas, Expl. scient. algér.: 398, pl.4 fig.5. Type ♂: Algérie.
- 156. *Synaphe uxorialis* (Lederer, 1858)** Original Reference: Cledeobia uxorialis Lederer, 1858, Wien. ent. Monatschr. 2: 146-147, Taf.3 figs.4,5. Syntypes: Libanon.
- 157. *Syrianarpia mendicalis* (Staudinger, 1879)** Original Reference: Metasia ? mendicalis Staudinger, 1879, Horae Soc. ent. ross. 15: 183. Type ♂: [Türkei]: Amasia: Kerasdere.
- 158. *Taftania serratella* (Ragonot, 1893)** Original Reference: Myrlaea serratella Ragonot, 1893, [in] Romanoff, Mém. lépid. 7: 399, pl.15 fig.23. Type ♀: [Turkey]: Mardin (Mésopotamie) (coll. Staudinger).
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- 160. *Tephritis romanoffella* (Ragonot, 1887)** Original Reference: Nephopteryx romanoffella Ragonot, 1887, Annls Soc. ent. Fr. 1887: 231. Syntypes ♀: [Turkmenistan]: Achal-Tekke.
- 161. *Tretopteryx pertusalis* (Geyer, [1832])** Original Reference: Eurrhypis pertusalis Geyer, [1832], Zutr. exot. Schmett. 4: 36, figs. 763-764. Syntypes: Griechenland.
- 162. *Udea albescentalis* (Hampson, 1900)** Original Reference: Pionea albescentalis Hampson, 1900, Trans. ent. Soc. Lond. 1900 (2): 395. Holotype ♂: [Turkey]: "Armenia, Mardin" (coll. Staudinger).
- 163. *Udea ferrugalis* (Hübner, 1796)** Original Reference: Pyralis ferrugalis Hübner, 1796, Samml. eur. Schmett. 6, Pyralides: Tab.9 fig.54. Type(s): Europa.
- 164. *Udea institalis* (Hübner, [1819])** Original Reference: Pyralis institalis Hübner, [1819], Samml. eur. Schmett. 6, Pyralides: Tab.29 fig.182. Type(s): Europa.
- 165. *Udea languidalis* (Eversmann, 1842)** Original Reference: Botys languidalis Eversmann, 1842, Bull. Soc. Imp. Nat. Moscou 15 (3): 559. Type: Russia, Kasan.
- 166. *Udea praepetalis* (Lederer, 1869)** Original Reference: Botys praepetalis Lederer, 1869, Horae Soc. ent. ross. 6: 90, pl.5 fig.11. Type: Iran: Astrabad [Gorgan], leg. Haberhauer.
- 167. *Udea vestalis* (Hampson, 1900)** Original Reference: Pionea vestalis Hampson, 1900, Trans. ent. Soc. Lond. 1900 (2): 395. Holotype ♂: [Turkey]: "Armenia, Mardin" (coll. Staudinger).
- 168. *Uresiphita polygonalis* ([Denis & Schiffermüller], 1775)** Original Reference: Pyralis polygonalis [Denis & Schiffermüller], 1775, Ankündung syst. Werkes Schmett. Wienergegend: 123. Type(s): Vienna district.
- 169. *Valdovecaria umbratella* (Treitschke, 1833)** Original Reference: Galleria umbratella Treitschke, 1833, Schmett. Eur. 9 (2): 266-267. Type: Croatia.

In the present paper, some observational images taken by the second author in the region are also given below (**Figs. 1-18**).



Fig. 1 - *Acrobasis obtusella* at rest Turkey, Siirt Pr. Şirvan Maden road. M. Kemal (Cesa)



Fig. 2 - *Arsissa ramosella* at rest Turkey, Siirt Pr. Şirvan Nallıkaya. M. Kemal (Cesa)



Fig. 3 – *Bradyrrhoa gilveolella*, at rest. Turkey, Şirvan Maden road. M. Kemal (Cesa)



Fig. 4 – *Cynaeda gigantea*, at rest. Turkey, Siirt Prov., Şirvan. M. Kemal (Cesa)



Fig. 5 – *Epactoctena octogenalis*, at rest. Turkey, Siirt Prov., Şirvan Maden road. M. Kemal (Cesa)



Fig. 6 – *Euzophera imperfectella*, at rest. Turkey, Siirt Prov., Şirvan, Akgeçit. M. Kemal (Cesa)



Fig. 7 – *Hellula undalis*. Turkey, Şırnak Prov., Beytüşşebap, Öküz mağarası. M. Kemal (Cesa)



Fig. 8 – *Mecyna subsequalis* or *lutulentalis*, at rest. Turkey, Siirt Prov., Şirvan. M. Kemal (Cesa)



Fig. 9 – *Mecyna trinalis*. Turkey, Şırnak Prov., Beytüşşebap, Öküz mağarası. M. Kemal (Cesa)



Fig. 10 – *Metasia virginalis*, at rest. Turkey, Siirt Prov., Şirvan. M. Kemal (Cesa)



Fig. 11 – *Myrlaea albistrigata*, at rest. Turkey, Siirt Prov., Şirvan Maden Pass from *Astragalus* steppe, M. Kemal (Cesa)



Fig. 12 – *Phlyctaenomorpha sinuosalis*, at rest. Turkey, Siirt Prov., Şirvan. M. Kemal (Cesa)



Fig. 13 – *Pyralis kacheticalis*, at rest. Turkey, Siirt Prov., Şirvan, Akgeçit. M. Kemal (Cesa)



Fig. 14 – *Sultania lophotalis*. Turkey, Şırnak Prov., Beytüşşebap, Öküz mağarası. M. Kemal (Cesa)



Fig. 15 – *Synaphe uxorialis*, at rest. Turkey, Siirt Prov., Şirvan. M. Kemal (Cesa)

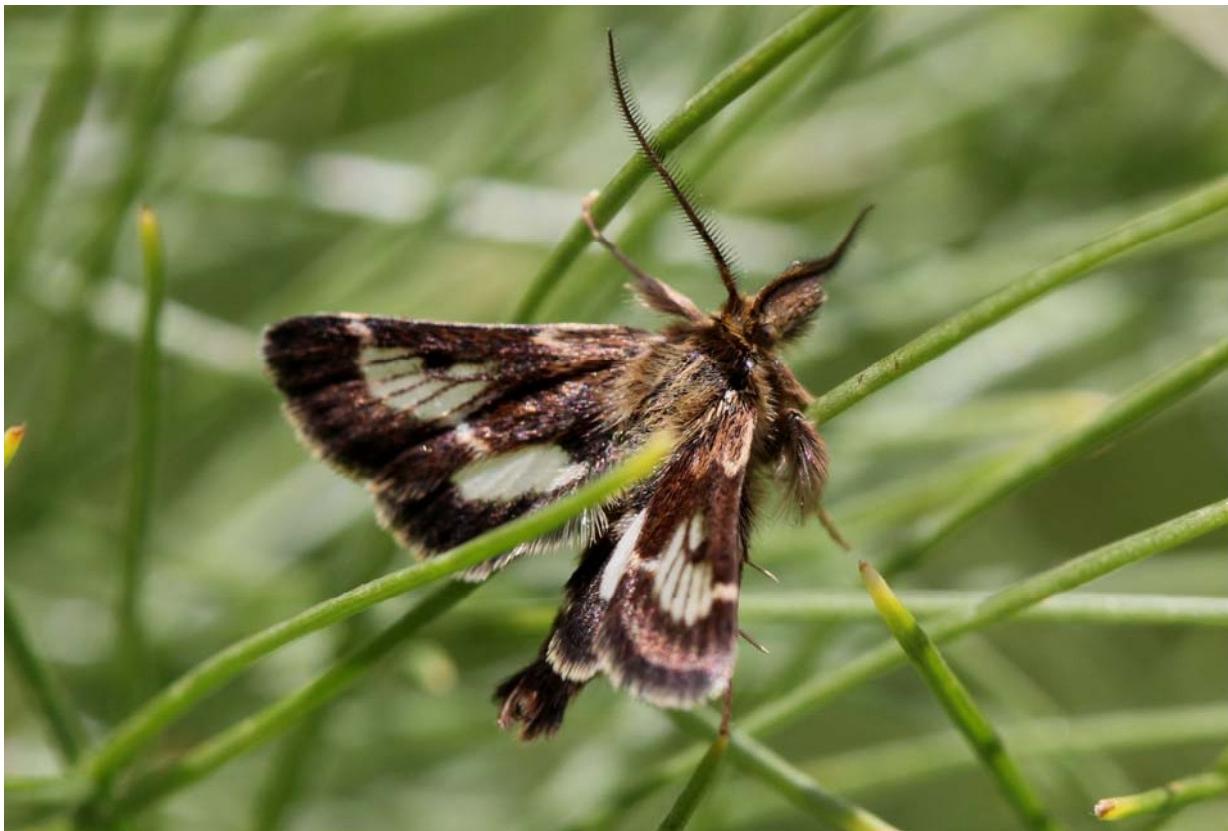


Fig. 16 – *Treptopteryx pertusalis*. Turkey, Siirt Prov., Şirvan, Çeltikyolu. M. Kemal (Cesa)



Fig. 17 – *Udea praepetalis* at rest. Turkey, Siirt Prov., Şirvan, Akgeçit. M. Kemal (Cesa)



Fig. 18 – *Uresiphita polygonalis* at rest. Turkey, Siirt Prov., Şirvan. M. Kemal (Cesa)

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